



PTO/SB/08c(b) (07-05)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT					
(Use as many sheets as necessary)					
Sheet	1	of	4	Attorney Docket Number	22116-00005-US5

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.*	Document Number Number and Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Reference Passages or Relevant Figures Appear

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.*	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> and Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Reference Passages or Relevant Figures Appear	T <sup>6</sup>

\*EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinda Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP §81.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
PK	CA	Albanese, L., et al., "Investigations of the Mechanism by which Mammalian Cell Growth is Inhibited by N1,N12-Bis(ethyl)spermine," BIOCHEM. J., (1993) 291:131-7	
PK	CB	Ask, A., et al., "Increased Survival of L1210 Leukemic Mice by Prevention of the Utilization of Extracellular Polyamines. Studies Using a Polyamine-Uptake Mutant, Antibiotics and a Polyamine-Deficient Diet," CANCER LETT., (1992) 66:29-34.	
PK	CC	Bergeron, R.J., et al., "Antiproliferative Properties of Polyamine Analogues: A Structure-Activity Study," J. MED. CHEM., (1994) 37:3464-76.	
PK	CD	Bergeron, R.J., et al., "Reagents for the Stepwise Functionalization of Spermine," J. ORG. CHEM. (1988) 53: 3108-11.	
PK	CE	Bergeron, R.J., et al., "Total Synthesis of (S)-15-Deoxyspergualin," J. ORG. CHEM., (1987) 57:1700-3.	
PK	CF	Bergeron, R.J. et al., "A Comparison of Structure-Activity Relationships between Sparmidine and Spermine Analogue Antineoplastics," J. MED. CHEM., (1997) 40: 1475-94.	
PK	CG	Bhastkar Kanth, J.V., et al., "Selective Reduction of Carboxylic Acids into Alcohols Using NaBH <sub>4</sub> and I <sub>2</sub> ," J. ORG. CHEM., (1991) 56: 5964-5.	
PK	CH	Blagbrough, I.S., et al., "Practical Synthesis of the Putative Polyamine Spider Toxin FTX: a Proposed Blocker of Voltage-Sensitive Calcium Channels," TETRAHEDRON LETT., (1994) 35 (13): 2057-60.	
PK	CI	Booth, R.J., et al., "Polymer-Supported Quenching Reagents for Parallel Purification," J. AM. CHEM. SOC., (1997) 119: 4882-6.	
PK	CJ	Borch, R.F., et al., "The Cyanohydridoborate Anion as a Selective Reducing Agent," J. AM. CHEM. SOC., (1971) 93 (12): 2897-2904.	
PK	CK	Brand, G., et al., "Cyclopolyamines: Synthesis of Cyclosparmidines and Cyclospermines, Analogues of Sparmidine and Spermine," TETRAHEDRON LETT., (1994) 35(46): 8609-12.	
PK	CL	Bray, A.M., et al., "Simultaneous Multiple Synthesis of Peptide Amides by the Multipin Method. Application of Vapor-Phase Aminolysis," J. ORG. CHEM., (1994) 59:2197-2203.	
PK	CM	Brown, H.C., et al., "Solvomercuration-Demercuration. I. The Oxymercuration-Demercuration of Representative Clafins in an Aqueous System. A Convenient Mild Procedure for the	Continued on pg 2

Examiner Signature	<i>L. Kip</i>	Date Considered	7/23/06
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2	of	4	Complete if Known
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Application Number	09/713,512-Conf. 64513
Filing Date	November 14, 2000
First Named Inventor	Christine L. O'Day
Art Unit	1621
Examiner Name	P. G. O'Sullivan
Attorney Doctor Number	22116-00005-US5

	Markovnikov Hydration of the Carbon-Carbon Double Bond," J. ORG. CHEM., (1970) 35(6): 1844-50.
CN	Byk, G., et al., "One Pot Synthesis of Unsymmetrically Functionalized Polyamines by a Solid Phase Strategy Starting from their Symmetrical Polyamine-Counterparts," TETRAHEDRON LETT., (1997) 38(18): 3219-22.
CO	Casero Jr., R.A., et al., "High Specific Induction of Spermidine/Spermine N1-Acetyltransferase in a Human Large Cell Lung Carcinoma," BIOCHEM. J., (1990) 270:615-20.
CP	Chapinski, V., et al., "A Versatile New Preparation of Cyclopropylamines from Acid Dialkylamides," ANGEW. CHEM. INT. ED. ENGL., (1998) 35(4): 413-4.
CQ	Dempcy, R.O., et al., "Design and Synthesis of Ribonucleic Guanidine: A Polycationic Analog of RNA," PROC. NATL. ACAD. SCI. U.S.A., (1996) 93:4326-30.
CR	Devraj, R., et al., "A Versatile Solid Phase Synthesis of Lavendustin A and Certain Biologically Active Analogs," J. ORG. CHEM., (1996) 61:9368-73.
CS	Fleming, S.A., "Chemical Reagents in Photoaffinity Labeling," TETRAHEDRON, (1995) 51(46): 12479-520.
CT	Furta, A., "General Method for Rapid Synthesis of Multicomponent Peptide Mixtures, INT. J. PEPTIDE PROTEIN RES., (1991) 37:487-93.
CU	Gallup, M.A., et al., "Applications of Combinatorial Technologies to Drug Discovery. Background and Peptide Combinatorial Libraries," J. MED. CHEM., (1994) 37(9): 1233-51.
CV	Ganem, B., "New Chemistry of Naturally Occuring Polyamines," ACC. CHEM. RES., (1982) 15:290-8.
CW	Ganem, B., et al., "Chemistry of Naturally Occuring Polyamines. II. Unsaturated Spermidine and Spermine Derivatives," J. ORG. CHEM., (1987) 52:5044-6.
CX	Ganem, B., et al., "Chemistry of Naturally Occuring Polyamines. 10. Nonmetabolizable Derivatives of Spermine and Spermidine," J. ORG. CHEM., (1986) 51:4856-61.
CY	Goodnow, Jr. R.A., et al., "Oligomer Synthesis and DNA/RNA Recognition Properties of a Novel Oligonucleotide Backbone Analog: Glucopyranosyl Nuclei Amide (GNA)," TETRAHEDRON LETT., (1997) 38(18):3199-3202.
CZ	Goodnow, Jr., R.A., et al., "Synthesis of Thymine, Cytosine, Adenine, and Guanine Containing N-Fmoc Protected Amino Acids: Building Blocks for Construction of Novel Oligonucleotide Backbone Analogs," TETRAHEDRON LETT., (1997) 38(18):3195-8.
CA1	Gordon, D.W., et al., "Reductive Alkylation on a Solid Phase: Synthesis of a Piperazinedione Combinatorial Library," BIOORG. MED. CHEM. LETT., (1995) 5(1): 47-50.
CB1	Gordon, E.M., et al., "Applications of Combinatorial Technologies to Drug Discovery Combinatorial Organic Synthesis, Library Screening Strategies, and Future Directions," J. MED. CHEM., (1994) 37(10): 1385-1401.
CC1	Han, H.C., et al., "The Role of Polyamine Catabolism in Polyamine Analogue-Induced Programmed Cell Death," PROC. NATL. ACAD. SCI., (1997) 94:11557-62.
CD1	Han, H. et al., "Liquid-Phase Combinatorial Synthesis," PROC. NATL. ACAD. SCI. USA, (1995) 92:8419-23.
CE1	Hanauske-Abel, H.M. et al., "Detection of a Sub-Set of Polysomal mRNAs Associated with Modulation of Hypusine Formation at the G1-S Boundary Proposal of a Role for eIF-5A in onset of DNA Replication," FEBS LETT., (1995) 366:92-8.
CF1	Hernandez, A.S. et al., "Solid-Supported tert-Alkoxycarbonylation Reagents for Anchoring of Amines During Solid Phase Organic Synthesis," J. ORG. CHEM., (1997) 62:3153-7.
CG1	Iwanowicz, E.J. et al., "Preparation of N,N'-Bis-tert-Butoxycarbonylthiourea," SYNTHETIC COMM., (1993) 23(10): 1443-9.
CH1	Janda, K.D. et al., "Combinatorial Chemistry: A Liquid-Phase Approach," METH. ENZYML., (1998) 267:234-47.
CI1	Jasnis, M.A. et al., "Polyamines Prevent DFMO-Mediated Inhibition of Angiogenesis," CANCER LETT., (1994) 79:39-43.

Examiner Signature	R. O' Day	Date Considered	7/23/06
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				Application Number	09/713,512-Conf. 84513
				Filing Date	November 14, 2000
				First Named Inventor	Christine L. O'Day
				Art Unit	1621
				Examiner Name	P. G. O'Sullivan
Sheet	3	of	4	Attorney Docket Number	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>					

<i>PK</i>	CJ1	Kremmer, T. et al., "Comparative Studies on the Polyamine Metabolism and DFMO Treatment of MCF-7 and MDA-MB-231 Breast Cancer Cell Lines and Xenografts," <i>ANTICANCER RES.</i> , (1991) 11:1807-14.
<i>PK</i>	CK1	Laguzza, B.C., et al., "A New Protecting Group For Amines. Synthesis of Anticapsin from L-Tyrosine," <i>TETRAHED. LETT.</i> , (1981) 22(16):1483-6.
<i>PK</i>	CL1	Lakanen, J.R., et al., " $\alpha$ -Methyl Polyamines: Metabolically Stable Spermidine and Spermine Mimics Capable of Supporting Growth in Cells Depleted of Polyamines," <i>J. MED. CHEM.</i> , (1992) 35:724-34.
<i>PK</i>	CM1	Lam, K.S., "Application of Combinatorial Library Methods in Cancer Research and Drug Discovery," <i>ANTI-CANCER DRUG DES.</i> , (1997) 12:145-87.
<i>PK</i>	CN1	Lee, J., "Facile Preparation of Cyclopropylamines from Carboxamides," <i>J. ORG. CHEM.</i> , (1997) 62:1584-5.
<i>PK</i>	CO1	Li, Y. et al., "Synthesis and Antitumor Evaluation of a Highly Potent Cytotoxic DNA Cross-Linking Polyamine Analogue, 1, 12-Diaziridinyl-4, 9-diazadodecane," <i>J. MED. CHEM.</i> , (1996) 39:339-41.
<i>PK</i>	CP1	Lloyd-Williams, P., "Convergent Solid-Phase Peptide Synthesis," <i>TETRAHEDRON</i> , (1993) 49(48): 11065-133.
<i>PK</i>	CQ1	Maillard, L., et al., "Percutaneous Delivery of the Gax Gene Inhibits Vessel Stenosis in a rabbit Model of Balloon Angioplasty," <i>CARDIOVASC. RES.</i> , (1997) 35:536-46.
<i>PK</i>	CR1	Marton, L.J. et al., "Polyamines as Targets for Therapeutic Intervention," <i>ANNU. REV. PHARMACOL. TOXICOL.</i> , (1995) 35:55-91.
<i>PK</i>	CS1	Muramoto, K., "Preparation and Characterization of Photoactivable Heterobifunctional Fluorescent Reagents," <i>AGRIC. BIOL. CHEM.</i> , (1984) 48 (11), 2695-9.
<i>PK</i>	CT1	Nakaoka, T., et al., "Inhibition of Rat Vascular Smooth Muscle Proliferation In Vitro and In Vivo by Bone Morphogenetic Protein-2," <i>J. CLIN. INVEST.</i> , (1997) 100 (11): 2824-32.
<i>PK</i>	CU1	Pfleiderer, K.E., et al., "Sulfoxide-Carbodiimide Reactions. I. A Facile Oxidation of Alcohols," <i>J. AM. CHEM. SOC.</i> , (1965) 87(24): 5661-9.
<i>PK</i>	CV1	Quemener, V., et al., "Polyamine Deprivation: A New Tool in Cancer Treatment," <i>ANTICANCER RES.</i> , (1994) 14:443-8.
<i>PK</i>	CW1	Raines, D.E., et al., "Potential-Dependent Phase Partitioning of Fluorescent Hydrophobic Ions in Phospholipid Vesicles," <i>J. MEMBRANE BIOL.</i> , (1984) 82:241-7.
<i>PK</i>	CX1	Rajeev, K.G., et al., "Conformationally Restrained Chiral Analogues of Spermine: Chemical Synthesis and Improvements in DNA Triplex Stability," <i>J.ORG CHEM.</i> , (1997) 62:5169-73.
<i>PK</i>	CY1	Ranganathan, R.S., et al., "Novel Analogs of Nucleoside 3',5'-Cyclic Phosphates. I. 5'-Mono- and Dimethyl Analogs of Adenosine 3', 5'-Cyclic Phosphate," <i>J. ORG. CHEM.</i> , (1974) 39(3):290-8.
<i>PK</i>	CZ1	Rink, H., "Solid-phase synthesis of Protected Peptide Fragments Using A Trialkoxy-Diphenyl-Methylester Resin," <i>TETRAHED. LETT.</i> , (1987) 28(33): 3787-90.
<i>PK</i>	CA2	Salemme, F.R., et al., "Serendipity Meets Precision: The Integration of Structure-Based Drug Design and Combinatorial Chemistry for Efficient Drug Discovery," <i>STRUCTURE</i> , (1997) 5(3):319-24.
<i>PK</i>	CB2	Sasaki, Y. et al., "Solid-Phase Synthesis and Biological Properties of $\Psi[\text{CH}_2\text{NH}]$ Pseudopeptide Analogues of a Highly Potent Somatostatin Octapeptide," <i>J. MED. CHEM.</i> , (1987) 30(7):1162-8.
<i>PK</i>	CC2	Schallenberg, E.E., et al., "Ethyl Thiotriifluoroacetate As An Acetylating agent with Particular Reference to Peptide Synthesis," <i>J.AM.CHEM.SOC.</i> , (1955) 77:2779-83.
<i>PK</i>	CD2	Seiler, N. et al., "Polyamine transport in Mammalian Cells. An Update," <i>INT. J. BIOCHEM. CELL BIOL.</i> , (1996) 28(8): 843-61.
<i>PK</i>	CE2	Seiler, N. et al., "Polyamine Transport in Mammalian Cells," <i>INT.J. BIOCHEM.</i> , (1990) 22(3):211-8.

Examiner Signature	<i>K. O'Day</i>	Date Considered	7/23/06
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				<b>Complete If Known</b>
				Application Number <b>09/713,512-Conf. #4513</b>
				Filing Date <b>November 14, 2000</b>
				First Named Inventor <b>Christine L. O'Day</b>
				Art Unit <b>1621</b>
				Examiner Name <b>P. G. O'Sullivan</b>
Sheet	<b>4</b>	of	<b>4</b>	Attorney Docket Number <b>22116-00005-US5</b>

<i>PK</i>	CF2	Shyng, S.-L. et al., "Depletion of Interacellular Polyamines Relieves Inward Rectification of Potassium Channels," PROC. NATL. ACAD. SCI. USA, (1996) 93:12014-9.	
<i>PK</i>	CG2	Siegel, M.G. et al., "Rapid Purification of Small Molecule Libraries by Ion Exchange Chromatography," TETRAHEDRON LETT., (1997) 38: (19): 3357-60.	
<i>PK</i>	CH2	Singh, S. et al., "Characterization of Simian Malaria Parasite ( <i>Plasmodium knowlesi</i> )-induced Putrescine Transport in Rhesus Monkey Erythrocytes," J. BIOL. CHEM., (1997) 272(21): 13506-11.	
<i>PK</i>	CI2	Thompson, L.A. et al., "Straightforward and General Method for Coupling Alcohols to Solid Supports," TETRAHEDRON LETT., (1994) 35:9333-6.	
<i>PK</i>	CJ2	Ventura, C. et al., "Polyamine Effects on [Ca <sup>2+</sup> ] Homeostasis and Contractility in Isolated Rat Ventricular Cardiomyocytes," AM. J. PHYSIOL., (1994) 267:H587-H592.	
<i>PK</i>	CK2	Wang, S.-S., "p-Alkoxybenzyl Alcohol Resin and p-Alkoxybenzyloxycarbonylhydrazide Resin for Solid Phase Synthesis of Protected Peptide Fragments," J. AM. CHEM. SOC., (1973) 95(4): 1128-1333.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>R. Keps</i>	Date Considered	<i>7/23/06</i>
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